Play It

SRS Document

**G1 Team**

**ServeTech**

**Chapter one**

**(Analysis)**

**1.Introduction:**

**1.1 Purpose:**

The purpose of this document is to explain an exhaustive description of media player app. It will explain the purpose, features and UI of this app, what the app will do, the constraints under which it must operate and how the app will react to the external effects.

**1.2 Objectives:**

* High efficiency at playing video and audio files.
* Easy to use and install.

**1.3 Problem statement:**

The purpose of this application to raise the UX and take it to the next level by providing feature that other application missed.

**1.4 Intended audience:**

Describe which part of the SRS document is intended for which reader. Include a list of all stakeholders of the project, developers, project managers, and testers for better clarity.

**1.5 scope:**

This app will be a media player for general user. this app will be designed to play the media files only such as mp4, mp3 … etc. In early version of this app will only lunch the files with mp4 and mp3 extensions then the app will support the other media files extensions in following updates.

**2.User Requirements Definition:**

**Scenario:**

(User) Hamzah

First, the user will launch the app, then the app will load the home screen of app. After this happened the user will have three options to choose, opening single file or opening playlist option or download video file.

In opening file option, the user will choose only a single file to play, then the app will take this file and play it in anther screen. The user will have the capability of choosing file to play in the screen of media player or going back to the home screen.

In playlist option,

In the convert mp4 to mp3

**3.System requirements specification:**

**3.1 Functional requirements:**

Functional requirements may be expressed as functions, services or tasks or which system is required to perform. The following subsections illustrate functional requirements to be fulfilled by the proposed system

* Play media files.
* Mange playlist.
* Convert mp4 to mp3.

**3.2 Non-Functional requirements:**

* Usability (Capability of the product to be understood & Friendly user interface)
* Performance (Robustness & Quality of the Software)
* Maintainability & Reliability (Flexibility in Error-handling)

**4.Constraints:**

This application will not play the files that are not video or audio files.

**5. Glossary:**

|  |  |
| --- | --- |
| Abbreviation | Definition |
| App | Application |
| UX | User Experience |
| UI | User Interface |

**Chapter Two**

**(Design)**

**1. System Models:**

**1.1 Use case Diagram:**



**1.2 Use case Description:**

**1.3 Class Diagram:**